DOCKET NO.: PSU 0020 PATENT

**Application No.:** 09/821,839

Office Action Dated: December 30, 2003

## **REMARKS/ARGUMENTS**

Claims 1-8 and 12-13 are cancelled herein. Upon entry of this amendment, new claims 27-36, submitted herewith, will be pending. New claims 27-36 were discussed with the examiner in a telephonic conference and have been revised in accordance with the examiner's suggestions as discussed in the teleconference. New claim 27 is directed to an isolated nucleic acid molecule having a sequence greater than 95% identical to SEQ ID NO:1, and encoding a polypeptide that contains a cyclin structural domain and functions to maintain normal pairing of homologous chromosomes-during meiotic prophase I. New claim 34 is directed to an isolated nucleic acid molecule comprising SEQ ID NO:1.

Applicant respectfully submits that the claims as amended are in condition for allowance, and a early and favorable notice to that effect is earnestly solicited.

To resolve any outstanding issued prior to allowance, the examiner is invited to contact the undersigned attorney by telephone at 215-557-5985.

Respectfully Submitted,

Date: April 30, 2004

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